

Electronic Acknowledgement Receipt

| | |
|--------------------------------------|---|
| EFS ID: | 6716146 |
| Application Number: | 10070338 |
| International Application Number: | |
| Confirmation Number: | 2450 |
| Title of Invention: | METHOD AND APPARATUS FOR CHARACTERIZING THE QUALITY OF A NETWORK PATH |
| First Named Inventor/Applicant Name: | Mansour J. Karam |
| Customer Number: | 28960 |
| Filer: | Douglas W. Swartz/Debra Kesner |
| Filer Authorized By: | Douglas W. Swartz |
| Attorney Docket Number: | 24717-718 |
| Receipt Date: | 28-DEC-2009 |
| Filing Date: | 12-DEC-2002 |
| Time Stamp: | 19:02:12 |
| Application Type: | U.S. National Stage under 35 USC 371 |

Payment information:

| | |
|------------------------|----|
| Submitted with Payment | no |
|------------------------|----|

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/Message Digest | Multi Part/.zip | Pages (if appl.) |
|-----------------|----------------------|------------------|--|-----------------|------------------|
| 1 | | Amendment312.pdf | 176195 52fb6177ec31ff9e6c593e9328f9bb57fb 8d38 | yes | 3 |

| Multipart Description/PDF files in .zip description | | | | | |
|---|--|--|-------|-----|--|
| Document Description | | | Start | End | |
| Amendment after Notice of Allowance (Rule 312) | | | 1 | 1 | |
| Specification | | | 2 | 2 | |
| Applicant Arguments/Remarks Made in an Amendment | | | 3 | 3 | |

Warnings:**Information:**

| | | | | | |
|---|-------------------------------|---|---|----|----|
| 2 | Miscellaneous Incoming Letter | Request_For_Examiner_To_Consider_Reference1.pdf | 1678861 rc9cc607f029fc03dc4e998bcac20a467 cad19 | no | 23 |
|---|-------------------------------|---|---|----|----|

Warnings:**Information:**

| | | | | | |
|---|-------------------------------|---|--|----|----|
| 3 | Miscellaneous Incoming Letter | Request_For_Examiner_To_Consider_Reference2.pdf | 1755980 4402b4955c020584863ebccab3092033 22900 | no | 24 |
|---|-------------------------------|---|--|----|----|

Warnings:**Information:**

| | | | | | |
|---|-------------------------------|---|---|----|----|
| 4 | Miscellaneous Incoming Letter | Request_For_Examiner_To_Consider_Reference3.pdf | 2099393 324694d1936ad02998cc17663dd6e68f71 9ad9 | no | 27 |
|---|-------------------------------|---|---|----|----|

Warnings:**Information:**

| | | | | | |
|---|--|------------|---|-----|---|
| 5 | | IDS_01.pdf | 486716 652a01adbb029a7332cc009fb67e7e38b650 6e1a902 | yes | 5 |
|---|--|------------|---|-----|---|

Multipart Description/PDF files in .zip description

| Document Description | | | Start | End | |
|--|--|--|-------|-----|--|
| Transmittal Letter | | | 1 | 2 | |
| Information Disclosure Statement (IDS) Filed (SB/08) | | | 3 | 5 | |

Warnings:**Information:**

| | | | | | |
|---|-------------------|-----------------|---|----|----|
| 6 | Foreign Reference | FR2806862A1.pdf | 1320741 6294ab9bbbe653568c270f171feec6a89c 9ab4 | no | 17 |
|---|-------------------|-----------------|---|----|----|

Warnings:**Information:**

| | | | | | |
|---|-------------------|------------------|---|----|----|
| 7 | Foreign Reference | JP2000312226.pdf | 1578840 e0666cae798fbc409e4439373f66a595981 50cds | no | 14 |
|---|-------------------|------------------|---|----|----|

Warnings:**Information:**

| | | | | | |
|---|-------------------|-----------------|--|----|----|
| 8 | Foreign Reference | WO_02_33892.pdf | 625130 00590210C000E0x1793e99e1011da2b0ba1 e0499 | no | 17 |
|---|-------------------|-----------------|--|----|----|

Warnings:**Information:**

| | | | | | |
|---|-------------------|-------------------|--|----|---|
| 9 | Foreign Reference | WO_02_0333894.pdf | 204442 2e166f9b3a701129a6d36-1b6f115cf3a381a 1db32 | no | 6 |
|---|-------------------|-------------------|--|----|---|

Warnings:**Information:**

| | | | | | |
|----|-------------------|-----------------|--|----|----|
| 10 | Foreign Reference | WO_02_33915.pdf | 1950299 8f96ef11a97c44c9228900604dcfcff8d1173 9cc5 | no | 48 |
|----|-------------------|-----------------|--|----|----|

Warnings:**Information:**

| | | | | | |
|----|-------------------|-----------------|--|----|----|
| 11 | Foreign Reference | WO_02_33916.pdf | 1385157 2787c5ab5797d9a081d40152c83e3eb569 528cb | no | 34 |
|----|-------------------|-----------------|--|----|----|

Warnings:**Information:**

| | | | | | |
|----|---------------|---|--|----|----|
| 12 | NPL Documents | FELDMANN_Deriving_Traffic_demands_for_operational.pdf | 2938267 565893375a8975dca545d147b17bc3fe7c de698 | no | 15 |
|----|---------------|---|--|----|----|

Warnings:**Information:**

| | | | | | |
|----|---------------|-----------------------------|---|----|---|
| 13 | NPL Documents | Francis_An_Architecture.pdf | 754261 964fe17e7aa050873476c37820d5334554 dedd4 | no | 4 |
|----|---------------|-----------------------------|---|----|---|

Warnings:**Information:**

| | | | | | |
|----|---------------|---|--|----|----|
| 14 | NPL Documents | SKARMEAS_Intelligent_routing_based_on_active_patterns.pdf | 1323324 c0161ff9bb899cc9ff9f679e40e7c07e145 417b | no | 12 |
|----|---------------|---|--|----|----|

Warnings:**Information:**

| | | | | | |
|----|---------------|---|---|----|----|
| 15 | NPL Documents | SKARMEAS_Content_based_routing_as_the_basis.pdf | 1560549 b49450df1b4b4985c1b1e1956d919e6109a d2363 | no | 18 |
|----|---------------|---|---|----|----|

Warnings:**Information:**

| | | | | | |
|----|---------------|--|--|----|----|
| 16 | NPL Documents | GOVINDAN_Heuristics_for_internet_map.pdf | 1813593 2ddde99ee734d5db194feed1148212c75a371 | no | 11 |
|----|---------------|--|--|----|----|

Warnings:**Information:**

| | | | | | |
|----|---------------|--------------------------------------|---|----|----|
| 17 | NPL Documents | SAVAGE_Practical_Network_Support.pdf | 2126671 d098aef495c54066013549825275(dea)00628 | no | 12 |
|----|---------------|--------------------------------------|---|----|----|

Warnings:**Information:**

| | | | | | |
|----|---------------|--|--|----|----|
| 18 | NPL Documents | SAITO_Manageability_Availability_and_Performance.pdf | 4096741 d89f8f02f514b9a778c6d99e0f88aef27cf | no | 35 |
|----|---------------|--|--|----|----|

Warnings:**Information:**

| | |
|------------------------------|----------|
| Total Files Size (in bytes): | 27875160 |
|------------------------------|----------|

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.